Defense Information Infrastructure (DII)

Common Operating Environment (COE)

Installation Procedures (IP) for
SATAN, version 1.0.0.2

Document Version 1.0.0.2

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1.   Scope

1.1   Identification

This Installation Procedures Document describes the installation procedures for SATAN (segprefix SATAN) Version 1.0.0.2 for the HP 10.20 Platform.

1.2   System Overview

This version of SATAN (Security Administrator Tool for Analyzing Networks) remotely probes systems via the network and stores its findings in a database.

System configuration variables and command line options can be found in Appendix A of the SAM Document for SATAN version 1.0.0.2, 18 July 1997.

2.   Referenced Documents

System Administrator's Manual (SAM) for SATAN version 1.0.0.2, 18 July 1997.

3.   System Environment

3.1   System Requirements

3.1.1   Hardware Requirements

None.

3.1.2   Operating System Requirements

The HP-UX 10.20 Operating System is required to perform the installation of SATAN 1.0.0.2.

3.1.3   Kernel Requirements

DII COE Kernel Version 3.0.1.0 is required to perform the installation of SATAN 1.0.0.2.

3.2   System and Site Preparations

3.2.1   System Configuration

PERL Version 5 must be installed prior to installing SATAN 1.0.0.2. perl5 is available via anonymous FTP at the following site:

perl5   ftp.uu.net:/systems/gnu/perl5.001.tar.gz

Netscape Web Browser v3.0.0.X must be installed prior to installing SATAN 1.0.0.2.

3.2.2   Operating System Preparation

Log into the HP-UX 10.20 system as "sysadmin."   After the system loads, go to the pull down menu labeled Software and select Segment Installer. This activates the COEInstaller.

3.2.3   Tape/Disk Preparation

Once the COEInstaller has been activated, choose the Select Source button to identify the source/location of the segment. When this window appears, select Other, then type in the location of your 4mm dat drive (which usually is /dev/rmt/0mn). Then choose OK.

4.   Installation Instructions

4.1   Media Booting Procedures

None.

4.2   Installation Procedures

After completing paras 3.2.2 and 3.2.3 above, choose Read Contents in the Installer window to list the segments on the selected drive. The SATAN 1.0.0.2 segment will appear. Highlight the segment, then choose the Install button. This will install the SATAN segment into the /h/COE/Comp directory.

Make sure to execute instructions from Section 4.5 Initializing the Software.

4.3   Installation of Upgrades

None.

4.4   Installation Verification

The installer script will verify that the segment has been installed. One window will pop up during installation. It will say "SATAN installation complete". Hit the OK button.

Another way to verify that the segment has been installed is to go to the /h/COE/Comp directory to see if you see a SATAN directory. If so, the segment has been installed.

4.5 Initializing the Software

Make sure to log out of system and back into sysadmin to establish SATAN icon.

Check that the Perl link is correct (ls -al /h/COE/bin/perl). Make sure /h/COE/bin/perl is pointing to /h/COE/Comp/PERL/bin/perl. If not type:
> cd /h/COE/bin
> rm perl   (if there is an incorrect perl link already there)
> ln -s /h/COE/Comp/PERL/bin/perl perl

Check Netscape configuration:
> Double click SATAN icon from Application Manager and enter root password to open
>   Netscape;
> Choose "Options" from Menu bar;
> Choose "General Preferences";
> Choose Tab "Helpers";
> Highlight File "application/x-perl";
> Choose "Edit" button;
> Check that "Suffix" line is blank, if there is a 'pl' there, then delete it;
> Choose OK buttons until back to Netscape screen.

4.6 List of Changes and Enhancements

This version contains the conversion of SATAN from a COTS segment into a COE Component software segment.

4.7 Important Considerations

None.

5. Notes

It is a known problem that if you use the COEInstaller from a command line with the debug option (-d) that some segments will not install/deinstall. This is true for SATAN. The workaround for this problem is to type 'setenv DISPLAY unix:0.0' at the sysadmin prompt before trying to launch the installer.

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